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PHOTOGRAPHIC
INTERPRETATION
REPORT

NPIC/R-79/65

April 1965

MISSION COVERAGE INDEX



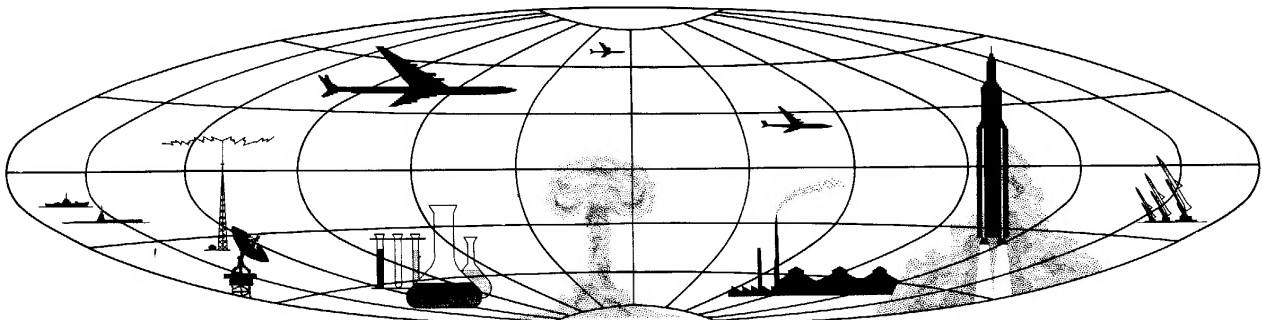
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25X1D

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
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W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY

ITEMS ARE ARRANGED IN THREE SECTIONS.

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED
1) WITHIN THE COUNTRY ACCORDING TO
SUBJECT, 2) WITHIN THE SUBJECT BY WAC AREA,
AND 3) WITHIN THE WAC AREA BY GEOGRAPHIC

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COORDINATES IN ASCENDING ORDER. AN
EXPLANATION OF COLUMN HEADINGS AND PHOTO
REFERENCES USED IN PRESENTING THE INFORMATION
IS CONTAINED IN THE APPENDIX. THE MAP BASE
USED (WHEN AVAILABLE) FOR THE DERIVATION OF
COORDINATES IN THIS MCI IS THE LATEST EDITION
OF THE AMS SERIES L509, SCALE 1/250,000,
L7012, 1/50,000, AND THE ATC SERIES 200,
SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE
SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A
RELATIVELY SHORT TIME AND OFTEN WITHOUT THE
AID OF PRECISE ANALYTICAL AND MENSURAL
TECHNIQUES COMMONLY EMPLOYED IN DETAILED
PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH
THE INFORMATION PRESENTED HEREIN IS
ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED
ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE
INFORMATION.

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SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>NOTE -- AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/ UNOCCUPIED).</p> <p>ITEM OF SPECIAL INTEREST</p> <p>UNNUMBERED ROUTE, BAN BAK AREA, LAOS</p> <p>SEGMENT OF NEWLY IDENTIFIED, IMPROVED, SINGLE-LANE, NATURAL SURFACE, LIMITED ALL-WEATHER ROAD OBSERVED IN THE BAN BAK (15-50N 106-46E) AREA FROM LIMITS OF PHOTOGRAPHY AT 15-52N 106-46E SOUTH TO LIMITS OF PHOTOGRAPHY AT 15-45N 106-46E. NO VEHICLES OBSERVED.</p> <p>[REDACTED]</p> <p>25X1D</p> <p>-LAOS</p> <p>AIR INSTALLATIONS</p> <p>BAN HOU EI SANE AREA, LANDING STRIP 1.0 NM NNW OF BAN HOU EI SANE AT UTM YD641370. APPROXIMATELY 2,700 X 100 FT N/S GRADED EARTH</p>				
	1637N 10633E	0617		217-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>RUNWAY, PROBABLY SERVICEABLE. AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED] 25X1D</p> <p>MILITARY INSTALLATIONS</p> <p>BAN THAY ARMY BARRACKS AND SUPPLY DEPOT THREE MILITARY AREAS IN BAN THAY VICINITY.</p> <p>AREA A -- IDENTIFICATION ONLY.</p> <p>AREA B -- CLOUD COVERED.</p> <p>AREA C (1.8 NM NNE OF BAN THAY AT UTM XD155342) -- AREA APPEARS ACTIVE WITH HEAVY TRACK ACTIVITY. POOR QUALITY OF PHOTOGRAPHY PRECLUDES FURTHER INTERPRETATION.</p> <p>[REDACTED] 25X1D</p> <p>BAN HOU EI SANE, MILITARY AREAS FOUR MILITARY AREAS IN BAN HOU EI SANE VICINITY.</p> <p>AREA A -- IDENTIFICATION ONLY.</p> <p>AREA B -- NO APPARENT CHANGE SINCE MISSION</p> <p>[REDACTED]</p> <p>AREAS C AND D -- CLOUD COVERED.</p> <p>[REDACTED]</p> <p>BAN PHO AREA, MILITARY CAMP 1.0 NM EAST OF BAN PHO. CAMP IS COMPRISED OF 2 AREAS ON EITHER SIDE OF ROUTE 9 AT UTM XD696385.</p>	<p>1635N 10604E</p> <p>1636N 10632E</p> <p>1637N 10636E</p>	<p>0617</p> <p>0617</p> <p>0617</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>192--A</p> <p>217</p> <p>272-C</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>AREA A (ON NORTH SIDE OF ROUTE 9) -- 1 BARRACKS/ADMINISTRATION, 2 BARRACKS, 2 SUPPORT, AND 10 MISCELLANEOUS SMALL BUILDINGS. AREA IS SURROUNDED BY A SAWTOOTH TRENCH SYSTEM, AW POSITIONS, AND FOXHOLES. TWO SMALL SHEDS, A REVETMENT CONTAINING SEVERAL POL STORAGE DRUMS, AND 2 REVETMENTS CONTAINING UNIDENTIFIED MATERIAL OBSERVED OUTSIDE TRENCH SYSTEM.</p> <p>AREA B (ON SOUTH SIDE OF ROUTE 9) -- 1 BARRACKS, 2 SHEDS, PERSONNEL TRENCHES, AND 2 AW POSITIONS.</p> <p> 25X1D</p> <p>BAN DONG, MILITARY AREAS FOUR MILITARY AREAS IN BAN DONG VICINITY.</p> <p>AREAS A AND B -- CLOUD COVERED.</p> <p>AREA C -- NO APPARENT CHANGE SINCE MISSION </p> <p>AREA D -- IDENTIFICATION ONLY.</p> <p></p>	1638N 10625E	0617		270

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MISCELLANEOUS				
UNNUMBERED ROUTE, MUONG NONG AREA				
IMPROVED, SINGLE-LANE, NATURAL SURFACE, FAIR-WEATHER ROAD IN FAIR CONDITION OBSERVED FROM JUNCTION WITH ROUTE 92 AT 16-26N 106-29E SE TO LIMITS OF PHOTOGRAPHY AT 16-23N 106-32E. NO VEHICLES OBSERVED.				
ROUTE 9				
SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED INTERMITTENTLY FROM BAN NA KAYON (16-34N 105-54E) TO LAO BAO (16-37N 106-36E). BRIDGE OVER XE THAMOUAK (RIVER) AT 16-34N 105-54E IS OUT, BUT RIVER IS BEING FORDED APPROXIMATELY 0.4 NM SOUTH. TCHEPONE BRIDGE (16-41N 106-13E) IS IMPASSABLE AND A FORD IS UNDER CONSTRUCTION 0.1 NM NORTH. NO VEHICLES OBSERVED.				
ROUTE 12				
SINGLE-LANE, NATURAL SURFACE ROAD OBSERVED				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>FROM 17-38N 105-45E TO 17-34N 105-43E (INTERSECTION WITH ROUTE 23). ROUTE IS IN GOOD CONDITION, EXCEPT IN THE MU GIA PASS AREA AT 17-35N 105-44E WHERE ROUTE HAS BEEN INTERDICTED BY NUMEROUS BOMB CRATERS AND IS UNSERVICEABLE TO VEHICULAR TRAFFIC. NO VEHICLES OBSERVED.</p> <p> 25X1D</p> <p>ROUTE 23</p> <p>SINGLE-LANE, NATURAL SURFACE ROAD OBSERVED FROM INTERSECTION WITH ROUTE 12 AT 17-34N 105-43E GENERALLY SOUTH TO 17-20N 105-42E. ROUTE IS IN GOOD CONDITION, EXCEPT AT 17-32N 105-44E WHERE ROUTE HAS BEEN INTERDICTED BY BOMB CRATERS AND IS UNSERVICEABLE TO VEHICULAR TRAFFIC. NO VEHICLES OBSERVED.</p> <p> 25X1D</p> <p>ROUTE 92</p> <p>SINGLE-LANE, NATURAL SURFACE ROAD IN GOOD CONDITION OBSERVED FROM BAN DONG (16-37N 106-25E) GENERALLY SOUTH TO MUONG NONG (16-22N 106-30E). ALL STREAMS ARE CROSSED BY EITHER FORDS OR LOG BRIDGES IN GOOD TRAFFICABLE CONDITION. ROAD APPEARS HEAVILY USED WITH NUMEROUS TURNOFFS INTO WOODED AREAS.</p>				

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25X1A

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SECTION II

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS				
AIR INSTALLATIONS			25X1A	
BAN HOUET SANE AIRFIELD [REDACTED] 25X1D	1636N 10633E	0617	[REDACTED]	217-A
TCHEPONE AIRFIELD [REDACTED] 25X1D	1643N 10612E	0617	[REDACTED]	124
BAN PHAN HOP AIRFIELD [REDACTED] 25X1D	1732N 10544E	0617	[REDACTED]	199
BAN SAO, LANDING STRIP [REDACTED] 25X1D	1927N 10307E	0617	[REDACTED]	427-D
XIENG KHOUANG AIRFIELD [REDACTED] 25X1D	1927N 10308E	0617	[REDACTED]	130-A
MILITARY INSTALLATIONS				
MUONG NONG, MILITARY AREA [REDACTED] 25X1D	1622N 10630E	0617		191
MUONG PHINE, POSSIBLE MAINTENANCE AREA COMOR TARGET NO [REDACTED] 25X1A	1632N 10601E	0617		192-D

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED]				
MUONG PHINE MILITARY AREAS [REDACTED] 25X1D	1632N 10602E	0617		192
BAN KHA DAP, PROBABLE MILITARY CAMP [REDACTED] 25X1D	1637N 10630E	0617		217-E
BAN AMO AREA, MILITARY AREAS [REDACTED] 25X1D	1637N 10633E	0617		217-D
TCHEPONE ARMY BARRACKS NORTHWEST [REDACTED] 25X1D	1642N 10613E	0617	25X1A [REDACTED]	124-C
BASIC SERVICES				
TCHEPONE HIGHWAY BRIDGE OVER SE BANG HIENG [REDACTED] 25X1D	1641N 10613E	0617		124-H
BAN LANG KHANG, REST/REFUEL/SUPPLY POINT [REDACTED] 25X1D	1734N 10543E	0617		199-D

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Target		Coordinates	WAC	Target Numbers	
				BE	NPIC
-LAOS					
AIR INSTALLATIONS				25X1A	
TCHEPONE AIRFIELD	25X1D	1643N 10612E	0617		124
MUONG PHANH AIRFIELD	25X1D	1926N 10305E	0617		427
MILITARY INSTALLATIONS					
BAN NA KAYON AREA, AAA/AW SITES	25X1D	1634N 10555E	0617		500
MUONG PHINE MILITARY AREAS	25X1D	1632N 10602E	0617		192
MUONG PHINE AREA, AAA/AW SITES	25X1D	1632N 10602E	0617		192-F
BAN THAY AAA DEFENSE POSITION	25X1D	1634N 10604E	0617	25X1A	192-E
BAN NA HI MILITARY AREAS	25X1D	1645N 10608E	0617		359

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A

and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); O (obliquity); and PQ (poor image quality).

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